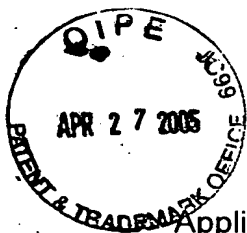


PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/528867 Confirmation No. N/A
Applicant : Jorg Mayer et al.
Filed : March 24, 2005
TC/A.U. : N/A
Examiner : N/A

Title : METHOD FOR PROMOTION OF TISSUE
REGENERATION ON WOUND SURFACES AND
DEVICE AND TREATMENT INSTRUMENT OR
IMPLANT FOR CARRYING OUT SAID METHOD

Docket No. : FRG-15988
Customer No. : 040854

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

In accordance with Rule 56, applicant is aware of the publications listed in the enclosed copy of Patent Office Form PTO/SB/08A. A copy of each of the publications is enclosed herewith.

Respectfully submitted,

RANKIN, HILL, PORTER & CLARK LLP

By 
David E. Spaw, Reg. No. 34732

4080 Erie Street
Willoughby, Ohio 44094
(216) 566-9700

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.



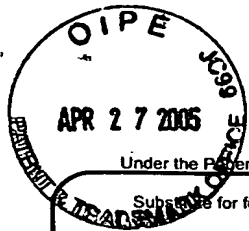
Signature of Person Mailing Paper

4/25/05

Date

David E. Spaw

Printed Name of Person Mailing Paper



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/528867
Filing Date	03-24-2005
First Named Inventor	Jorg Mayer et al.
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	FRG-15988

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,032,803	06-28-1977	Durr et al.	
		US- 4,248,232	02-03-1981	Englebrecht et al.	
		US- 5,004,422	04-02-1991	Propper	
		US- 5,019,083	05-28-1991	Klapper et al.	
		US- 5,163,960	11-17-1992	Bonutti	
		US- 5,167,619	12-01-1992	Wuchinich	
		US- 5,171,148	12-15-1992	Wasserman et al.	
		US- 5,413,578	05-09-1995	Zahedi	
		US- 5,426,341	06-20-1995	Bory et al.	
		US- 5,562,450	10-08-1996	Gieloff et al.	
		US- 5,593,425	01-14-1997	Bonutti et al.	
		US- 5,709,823	01-20-1998	Hahn	
		US- 5,735,875	04-07-1998	Bonutti, et al.	
		US- 5,752,831	05-19-1998	Padros-Fradera	
		US- 5,871,514	02-16-1999	Wiklund et al.	
		US- 5,871,515	02-16-1999	Wiklund et al.	
		US- 5,897,578	04-27-1999	Wiklund et al.	
		US- 5,919,215	07-06-1999	Wiklund et al.	
		US- 5,941,901	08-24-1999	Egan	

FOREIGN PATENT DOCUMENTS

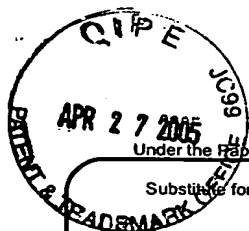
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		DE 41 00 636 A1	07-16-1992			
		EP 0 451 932 A1 (English Text)	10-16-1991	Mecon Medizinische		
		DE G 90 12 044.2	12-06-1990			
		DE 26 55 086	06-15-1978			
		DE G 93 17 757.7	03-03-1994			
		DE 42 09 191 A1	05-13-1993			

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 4

Application Number	10/528867
Filing Date	03-24-2005
First Named Inventor	Jorg Mayer et al.
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	FRG-15988

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,964,764	10-12-1999	West, Jr. et al.	
		US- 5,993,458	11-30-1999	Vaitekunas et al.	
		US- 5,993,477	11-30-1999	Vaitekunas et al.	
		US- 6,007,539	12-28-1999	Kirsch et al.	
		US- 6,039,568	03-21-2000	Hinds	
		US- 6,056,751	05-02-2000	Fenton, Jr.	
		US- 6,059,817	05-09-2000	Bonutti et al.	
		US- 6,080,161	06-27-2000	Eaves, III et al.	
		US- 6,099,313	08-08-2000	Durken et al.	
		US- 6,132,214	10-17-2000	Suhonen et al.	
		US- 6,139,320	10-31-2000	Hahn	
		US- 6,141,874	11-07-2000	Olsen	
		US- 6,193,516	02-27-2001	Story	
		US- 6,224,373	05-01-2001	Lee et al.	
		US- 6,273,717	08-14-2001	Hahn et al.	
		US- 6,332,885	12-25-2001	Martella	
		US- 6,545,390	04-08-2003	Hahn et al.	
		US- 6,592,609	07-15-2003	Bonutti	
		US- 6,635,073	10-21-2003	Bonutti	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		DE G 90 12 548.7	01-24-1991			
		DE 196 44 333 A1	04-30-1998			
		GB 2 324 470 A (English Text)	10-28-1998	Customflex, Ltd.		
		DE 37 23 643 A1	01-26-1989			
		DE 201 13 692 U1	12-20-2001			
		DE 199 16 158 A1	10-19-2000			

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

APR 27 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3	of	4
-------	---	----	---

Complete if Known

Application Number	10/528867
Filing Date	03-24-2005
First Named Inventor	Jorg Mayer et al.
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	FRG-15988

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

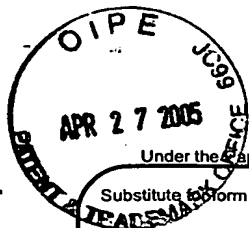
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ² -Number ⁴ -Kind Code ⁶ (if known)	MM-DD-YYYY			
		EP 1 044 656 A1	10-18-2000			
		EP 1 044 655 A1	10-18-2000			
		DE 199 16 160 A1	10-26-2000			
		DE 197 35 103 A1	10-29-1998			
		DE 39 19 274 C1	07-12-1990			
		EP 0 534 078 A1	03-31-1993			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/528867
Filing Date	03-24-2005
First Named Inventor	Jorg Mayer et al.
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	FRG-15988

Sheet	4	of	4
-------	---	----	---

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Patent Abstracts of Japan, Bone Fixation Pin and Manufacture Thereof, 12-08-1998	
		WO 02/38070 A1, MEDICAL, PREFERABLY DENTAL, HANDPIECE FOR TREATING TISSUE WITH PREFERABLY HIGH FREQUENCY MECHANICAL VIBRATIONS, 05-16-2002	
		WO 02/087459 A2, HANDPIECE FOR LINEAR ACTUATION OF A TOOL, PREFERABLY A DENTAL TOOL, 11-07-2002	
		WO 94/27558, CERAMIC DENTAL RESTORATIONS, DENTAL PROSTHESES, MEDICAL IMPLANTS AND MOULDED BODIES, AND PROCESS FOR PRODUCING SAME, 12-08-1994	
		WO 91/03211, PROCESS FOR PRODUCING A TOOTH CROWN WITH THE AID OF TWO SONOTRODES, DEVICE WORKPIECES USING A SONOTRODE..., 03-21-1991	
		WO 88/03391, INTRAALVEOLAR IMPLANT, 05-19-1998	
		WO 96/37163, PROCESS AND DEVICE FOR THE COMPUTER-ASSISTED RESTORATION OF TEETH, 11-28-1996	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.